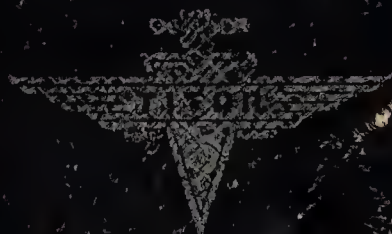


# CUENTAS

Nº. 82



10  
2  
3

4

170 E 170  
N 45 E 32

17  
24

三

$\frac{1}{2}$

Rev.

Paris

he

Bergua

$$\begin{array}{r} 189 \\ 378 \\ \hline 580 \\ 290 \end{array}$$

45.7

$$\begin{array}{r} 87 \\ 4325 \\ \hline 5830 \\ 116 \end{array}$$

3

$$\begin{array}{r} 580 \\ 580 \\ \hline 872 \\ 75 \\ \hline \end{array}$$
$$\begin{array}{r} 290 \overline{) 1820} \\ \underline{1740} \phantom{0} \\ 800 \phantom{0} \\ \underline{760} \phantom{0} \\ 400 \phantom{0} \\ \underline{380} \phantom{0} \\ 200 \phantom{0} \\ \underline{190} \phantom{0} \\ 100 \phantom{0} \\ \underline{95} \phantom{0} \\ 50 \phantom{0} \\ \underline{45} \phantom{0} \\ 50 \phantom{0} \end{array}$$

Pae to Nara on a bend  
 of the Vaupes. Clearing 200  
 x 300 ft. well covered with  
 palm thatch shelter 20 x 66  
 ft. for 40 men. Also four  
 very small shelter of former  
 rubber workers (Torres).  
 Twelve to fifteen feet above  
 high water level.

379  
 17  
 53  
 2659  
 379  
 44  
 6

Path from Puerto Nave to Puerto Rubber:

Walking at 580 paces/km.

paces	direction	distance	remarks
1-379	S 20 E	(644)	6-8 ft wet clay
580	S 35 E		379 small creek N 15 E, 18 ft wide, forming large swamp in wet season. Bridge 1 log, firm.
1-8	S 35 E		580 detour around tree
8-149	South		

T

# Puerto Mare to Rubber

<u>Km</u>	<u>ser.</u>	<u>c. neg.</u>	<u>bal.</u>	<u>juan.</u>	<u>etc.</u>
1	18+2	0	0	2	2
2	13+2	0	0	3	1
3	23+1	0	0	4	2
4	13+2	0	0	3	0
5	8+1	2	0	2	0
6	10+3			1	
7	11				
8	14+1	0			
9	17+1	1		1	1
10	1				
11	1	1		1	1
12	32+1	1		2	1
13	19				
14	13	1	0	5	1
15	4	2	0	2	2
16	27+1	2	2	4	1
17	8	4	3	2	0
18	6	1	2	1	0
19	13	3		2	

II

III

$$\begin{array}{r} 137 \\ 137 \\ \hline 137 \\ 137 \\ \hline 137 \end{array}$$

$$\begin{array}{r} 93 \\ 93 \\ \hline 93 \\ 93 \\ \hline 93 \end{array}$$

$$\begin{array}{r} 37 \\ 37 \\ \hline 37 \\ 37 \\ \hline 37 \end{array}$$

paces	direction	distance	remarks
147-198	S 10 E		
198-217	S 10 W		
17-253	S 25 E		
283-401	S 05 E		
401-450	S 05 W		
450-580	S 10 E		
1-232	S 05 W	(221)	13 creek 6 ft. wide good Arden Fl. E
		(158)	93 Ext. rebalso in wet season. Creek 15 ft. wide S 70 E. Good bridge
232-580	South	(629)	370 N. 40 W. in wet season

S en. 2

<del>19</del>	9	1	2	1	
20	9	2	2	3	0
21	4	3	2	4	0
22	5	2	2	1	0
23	6	2	3	5	0
24	15	2	2	2	1
25	2	3	2	2	0
26	7	1	2	2	0
27					
28	7+1	0	1	1	0
29	5	0	0	2	1
30	4	0	1	2	1
31	7+1	0	1+1	2	0
32	6	0	0	1	0
33	6+1	0	0	1	0
34	4	0	0	3	0
35	10+2	0	0	2	0
36	6	0	0	1	0
37	8+1	0	0	2	0
38	11+1	0	0	1	0




43 1.7  
27.4  
1.43

44 7  
22.7  
1.43

17.0  
2.84  
1.43

12 1.7  
- 9.40  
120.1

paces	direction	distance	remarks
		(714)	420 creek starts 11 to path, cutting across it & from N70W, high plateau, 15 ft. wide.
		784	461 cross creek flowing N20E. Good bridge. A temp. shelter small. 
1-580	South	476	280 Cholo Creek 6 ft. deep, much wider - E. Good bridge.
1-107	S 40 W		
17-230	S 25 E	(204)	120 Creek, N30E 5 ft. wide Good bridge.

IV

	<u>Σ</u>	<u>C</u>	<u>L</u>	<u>S</u>	<u>Σ</u>
39	13	0	0	1	0
40	<del>12</del> 16	0	2	6	2
41					
42	12	0	3	1	
43	12	0	2	2	0
44	7	0	2	1	0
45	9+1	0	1	3	0
46	13	✓	2	2	2
47	11+1	0	1	3	1
48	→ 7	0	1	1	0
49	→ <del>29</del>	0	3	3	0
50					
51	9+1	0	2	2	0
52	7+2	0	3	1	0
53	18	0	3	2	0
54	27	0	2	0	0
55	18	0	1	1	0
56	29	2	0	1	0
57	35+1	0	0	0	0
58	29+1	0	0	3	0

$$\begin{array}{r}
 23^{\circ} 17' 0 \\
 \underline{161} \\
 230910
 \end{array}$$

$$\begin{array}{r}
 22^{\circ} 17' \\
 \underline{1561} \\
 223 \\
 \underline{3791}
 \end{array}$$

paces	direction	distance	remarks
230-505W	3	(391)	230. 11. out 15. 1/2
W		(379)	

V

VI

VII

54

27

0

0

1

0

35 +1

0

0

1

2

34

0

0

1

0

37

0

0

2

0

18 \*

0

0

2

\* 8 km. @ rate  
 of 24 per km.

$$\begin{array}{r} 91.7 \\ \times 24 \\ \hline 3668 \\ 1834 \\ \hline 22008 \end{array}$$

$$\begin{array}{r} 120 \\ \times 18 \\ \hline 2160 \\ 2400 \\ \hline 21600 \end{array}$$

$$\begin{array}{r} 173.7 \\ \times 11 \\ \hline 19107 \\ 19107 \\ \hline 19107 \end{array}$$

10-20-2

11-3-51614

13-8-31-E  
4-5-5052

518

11

(328)

11, Guel

241.

(155)

(204) 1293

5225

11-126

R.

44.

25 X 17 1/2

VIII

$$\begin{array}{r}
 160 \\
 \hline
 1.7 \\
 \hline
 1120 \\
 160 \\
 \hline
 272.0 \\
 \hline
 255 \\
 160 \\
 \hline
 95 \\
 1.7 \\
 \hline
 663 \\
 95 \\
 \hline
 161.5
 \end{array}$$

$$\begin{array}{r}
 272 \\
 162 \\
 77 \\
 102 \\
 233 \\
 141 \\
 \hline
 987 \\
 \hline
 3 \\
 1.5 \\
 1.5 \\
 1.5 \\
 0.5 \\
 1.0 \\
 2.5 \\
 \hline
 11.5
 \end{array}$$

$$\begin{array}{r}
 477.7 \\
 1.7 \\
 \hline
 3498 \\
 498 \\
 \hline
 946.6
 \end{array}$$

$$\begin{array}{r}
 2.5 \\
 1.5 \\
 0.5 \\
 1.0 \\
 2.5 \\
 1.5 \\
 \hline
 9.5
 \end{array}$$

$$\begin{array}{r}
 2.5 \\
 1.5 \\
 1.0 \\
 1.0 \\
 2.5 \\
 1.5 \\
 \hline
 10.0
 \end{array}$$

$$\begin{array}{r}
 374 \\
 1.7 \\
 \hline
 2618 \\
 374 \\
 \hline
 635.8
 \end{array}$$

$$\begin{array}{r}
 533 \\
 1.7 \\
 \hline
 3731 \\
 533 \\
 \hline
 906.1
 \end{array}$$

$$\begin{array}{r}
 947 \\
 1.7 \\
 \hline
 658 \\
 947 \\
 \hline
 1598
 \end{array}$$

120-580 South

1-341

"

580

15 ft. NW. 1/4 sec.

1-533

"

(906)

533 Sec 18-16W, 12N, 1/4 sec. N. 45 S 80W.

E

1-55

"

1-125

S 10 W

160

1-460

South

(636)

174 acid no.

1-540

S 30 W

(847)

498 ft. 10 ft.

500-580

S 10 W

IV

X

XI

$$\begin{array}{r} 4181.7 \\ \times 2418.6 \\ \hline 241860 \\ 1672680 \\ 1672680 \\ \hline 101100000 \end{array}$$

1: 100,000

$$\begin{array}{r} = 1000000 \\ \times 100 \\ \hline 100000000 \end{array}$$

1 Km. = 1 Km.

$$\begin{array}{r} 3831.7 \\ \times 6332.1 \\ \hline 238321 \\ 238321 \\ 238321 \\ \hline 2438321 \end{array}$$

$$\begin{array}{r} 561.7 \\ \times 395.2 \\ \hline 2248544 \\ 2248544 \\ 2248544 \\ \hline 2248544 \end{array}$$

$$\begin{array}{r} 103 \\ \times 17 \\ \hline 721 \\ 103 \\ \hline 1751 \end{array}$$

$$\begin{array}{r} 3491.7 \\ \times 2380 \\ \hline 840 \\ 5780 \end{array}$$



1-38

South

(175) 103

Nearly dry stream bed,  
S. E. side.

(548)

340, Small stream 3 ft. above

E. end bridge,

(632)

383

S 25 W

Camp. That is the  
26 x 11 ft.

383-464

464-580

South 10W  
South 20E

1-26

(95) 56

Purely

XII

56-134

S 45 E

344-529

South

529

- 418

(711)

Small tree 418 ft.

300  
255  
45

160  
1.7  
1120  
160  
2720

225  
160  
65  
1.7  
450  
65  
110.5

45  
1.7  
315  
45  
76.5

580  
497  
83  
1.7  
581  
583  
14

1421  
1111  
14

497  
360  
137  
1.7  
959  
137  
232.9

20.2  
1.7  
43  
20.2  
1.7  
43  
20.2  
1.7  
43

100  
116.8  
1680

272  
111  
77  
102  
233  
141

20.2  
1.7  
43  
20.2  
1.7  
43  
20.2  
1.7  
43

XIII  
410

545W

118-549

549-580

530W

1-166

550W

Tacoma road

167-246

N, 55W

246-325

S 30 E

300-361

S 25 W

361-497

South

497-580

~~45E~~

2112.5

XIII

XIV

600

142

192

225

N 35 W

320

204

$$\begin{array}{r} 525 \\ \underline{367} \\ 158 \\ \underline{323} \\ 26 \end{array}$$

$$\begin{array}{r} 134 \\ \underline{17} \\ 117 \\ \underline{93} \\ 24 \end{array}$$

$$\begin{array}{r} 41 \\ \underline{17} \\ 24 \\ \underline{41} \\ 2 \end{array}$$

$$\begin{array}{r} 230 \\ \underline{17} \\ 213 \\ \underline{230} \\ 3910 \end{array}$$

$$\begin{array}{r} 486 \\ \underline{17} \\ 3402 \\ \underline{486} \\ 8262 \end{array}$$

$$\begin{array}{r} 180 \\ \underline{17} \\ 163 \\ \underline{1260} \\ 180 \\ \underline{3060} \\ 3451 \end{array}$$

$$\begin{array}{r} 484 \\ \underline{17} \\ 3388 \\ \underline{3388} \\ 48228 \end{array}$$

$$\begin{array}{r} 147 \\ \underline{67} \\ 80 \\ \underline{147} \\ 2479 \\ \underline{2479} \\ 580 \\ \underline{147} \\ 580 \\ \underline{467} \\ 113 \end{array}$$

$$\begin{array}{r} 467 \\ \underline{17} \\ 3269 \\ \underline{3269} \\ 4939 \end{array}$$

$$\begin{array}{r} 5017 \\ \underline{3500} \\ 1517 \\ \underline{3500} \\ 8017 \end{array}$$

$$\begin{array}{r} 200 \\ \underline{200} \\ 0 \end{array}$$

$$\begin{array}{r} 9955017 \\ \underline{350} \\ 9955017 \end{array}$$

$$\begin{array}{r} 100 \\ \underline{394} \\ 439 \end{array}$$

$$\begin{array}{r} 285 \\ \underline{195} \\ 90 \end{array}$$

$$\begin{array}{r} 110 \end{array}$$

~~Red Hill to Hill~~

~~Aug 11-12~~

1-467	S 45° E	(85) 50	Oct 34	undy. dry. good bridge.	made
467-580	S 10 E	432	254	Aug 2nd creek 8 ft N 50 E	794
1-500	S 85 W	(826)	486	Aug dry cuts 8 ft.	192
		(306)	180	Real 2 ft under East. No	land 850
		(391)	230	Dip 11° 14' N. 60° E.	begin
		(485)	785	Dip Real 4° 14' N. 60° E.	with
		(823)	484	Dip Real 4° 14' N. 60° E.	1150
506-541	S 40 W	(893)	525	Creek 8.88 E 10 ft.	70
541-580	S 05 W				66
1-550	S 05 W	228	134	Real 4 ft N 20 W. 1	1000
				A. body	

$$\begin{array}{r} 19617 \\ \times 42 \\ \hline 136314 \\ 784680 \\ \hline 822914 \end{array}$$

070  
Eil  
a1

$$\begin{array}{r} 204.0 \\ 1202 \overline{) 24840} \end{array}$$

$$\begin{array}{r} 697204575 \\ 46200 \overline{) 462000000} \\ \underline{46200} \phantom{0000} \\ 000000000 \end{array}$$

$$\begin{array}{r} 191 \\ \times 87 \\ \hline 1337 \\ 1528 \\ \hline 16611 \end{array}$$

~~8.197~~

$$\begin{array}{r} 115.6 \\ 37.5 \\ \hline 153.1 \end{array}$$

$$\begin{array}{r} 19.7 \\ 60.3 \\ \hline 80.0 \end{array}$$

$$\begin{array}{r} 13.0 \\ 19.3 \\ \hline 32.3 \end{array}$$

~~|        |   |
|--------|---|
| 1303.0 | 3 |
| 1923.0 | 3 |
| 5136   | 5 |
| 2855   | 5 |~~

$$\begin{array}{r} 385 \\ 175 \\ \hline 2685 \\ 3545 \\ \hline 6545 \end{array}$$

275

1100

871

11

$$\begin{array}{r} 5.77 \\ \hline 165 \\ 585 \end{array}$$

$$\begin{array}{r} 1.1 \\ \hline 296 \\ \hline 415 \end{array}$$

1

$$\begin{array}{r} 21.4 \\ 3626 \\ 518 \\ \hline 5806 \end{array}$$

0.085

$$\begin{array}{r} 424 \\ - 17 \\ \hline 2968 \\ 424 \\ \hline 7208 \end{array}$$

$$\begin{array}{r} 215 \\ 17 \\ \hline 5051 \end{array}$$

$$\begin{array}{r} 150 \\ 1.7 \\ \hline 1050 \end{array}$$

$$\begin{array}{r} 60255 \\ 60255 \\ \hline 60255 \end{array}$$

0.60

Meters

1-120	(333) 196	Roll 3 H	
120-165	536	Roll 555 H	Vol. 415 H.
165-200	(655)	Roll 4 H	E 13 H.
	(1000) 721		from the map of 1
	580	Roll 4 H	East for (1000)
120-165	120	Roll 4 H	East; N 80 W.
165-200	262	Roll 5 H	West; N 80 W.
	323	Roll 4 H	East; N 80 W.
	(366)	Roll 5 H	East; N 80 W.
	(881)	Roll 5 H	East; N 80 W.
1-180	(103)	Roll 6 H	East; N 80 W.
	119	Roll 6 H	East; N 80 W.
	136	Roll 6 H	East; N 80 W.
	(255)	Roll 6 H	East; N 80 W.
			306

✓ 706

$$\begin{array}{r} 240 \\ \hline 1680 \\ \hline 240 \\ \hline 4080 \end{array}$$

$$\begin{array}{r} 410 \\ 2900 \quad 20 \quad 180 \\ \hline 1281 \quad 120 \quad 1260 \\ \hline 330 \quad 340 \quad 3060 \\ \hline 306 \end{array}$$

$$\begin{array}{r} 306 \\ 281 \\ 399 \\ \hline 986 \end{array}$$

$$\begin{array}{r} 927 \quad 580 \\ \hline 430 \quad 345 \\ \hline 17 \quad 2357 \\ \hline 3010 \quad 1645 \\ \hline 430 \quad 235 \\ \hline 7310 \quad 235 \end{array}$$

$$\begin{array}{r} 120 \\ \hline 1170 \\ \hline 840 \\ \hline 1200 \\ \hline 2040 \end{array}$$

$$\begin{array}{r} 535 \\ 360 \\ \hline 1757 \\ \hline 1225 \\ \hline 1757 \\ \hline 1757 \end{array}$$

$$\begin{array}{r} 1155 \\ 165 \\ \hline 2805 \\ \hline 85175 \\ \hline 59545 \\ \hline 1445 \end{array}$$

$$\begin{array}{r} 2307 \\ \hline 1610 \\ \hline 23910 \\ \hline 395805 \\ \hline 53545 \end{array}$$

$$\begin{array}{r} 1910 \\ 1330 \\ \hline 19230 \\ \hline 3287 \\ \hline 171287 \end{array}$$

$$\begin{array}{r} 360 \\ 275 \\ \hline 85175 \\ \hline 59545 \\ \hline 1445 \end{array}$$

$$\begin{array}{r} 2307 \\ \hline 1610 \\ \hline 23910 \\ \hline 395805 \\ \hline 53545 \end{array}$$

$$\begin{array}{r} 580 \\ 345 \\ \hline 2357 \\ \hline 945 \\ \hline 23295 \\ \hline 2 \end{array}$$



40kms

180345	S 10 E	587	345	large creek	g. oblonge	15 ft.	281
305-500	50 SW	603	350	Dr. of 1st			✓ 399
1-230	50 SW	323	170	Dr. of 1st			391
230-275	510 E	466	274	Dr. of 1st			77
275-360	510 W	612	360	Dr. of 1st			145
360-535	520 W						298
535-580	525 W						77
1-240	50 SW	218	128	Dr. of 1st			408
240-290	570 W						85
290-410	50 SW						204
410-430	530 W	77		Tab. 30	Dr. of 1st		34
430-450	570 W			Dr. of 1st			92
450-500	550 W						✓ 163

5007.4

$$\begin{array}{r} 3600 \\ 3500 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 51.7 \\ 350 \\ \hline 16.7 \end{array}$$

$$\begin{array}{r} 85580 \\ 484 \\ \hline 85580 \end{array}$$

$$\begin{array}{r} 2417 \\ 1680 \\ \hline 737 \end{array}$$

$$\begin{array}{r} 24080 \\ 1680 \\ \hline 22400 \end{array}$$

$$\begin{array}{r} 54 \\ 378 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 490 \\ 490 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3490 \\ 8330 \\ \hline 26570 \end{array}$$

$$\begin{array}{r} 6070 \\ 4020 \\ \hline 2050 \end{array}$$

$$\begin{array}{r} 4197 \\ 2870 \\ \hline 1327 \end{array}$$

$$\begin{array}{r} 672 \\ 96 \\ \hline 768 \end{array}$$

$$\begin{array}{r} 918 \\ 2667 \\ \hline 1749 \end{array}$$

$$\begin{array}{r} 5357 \\ 345 \\ \hline 5702 \end{array}$$

$$\begin{array}{r} 580 \\ 410 \\ \hline 170 \end{array}$$

$$\begin{array}{r} 17090 \\ 117090 \\ \hline 134080 \end{array}$$

$$\begin{array}{r} 56876 \\ 3968 \\ \hline 60844 \end{array}$$

$$\begin{array}{r} 6478 \\ 644 \\ \hline 6134 \end{array}$$

$$\begin{array}{r} 34578 \\ 2478 \\ \hline 37056 \end{array}$$

$$\begin{array}{r} 2657 \\ 1855 \\ \hline 4512 \end{array}$$

$$\begin{array}{r} 186505 \\ 26505 \\ \hline 213010 \end{array}$$

$$\begin{array}{r} 41070 \\ 25070 \\ \hline 15990 \end{array}$$

$$\begin{array}{r} 46177 \\ 32277 \\ \hline 138900 \end{array}$$

$$\begin{array}{r} 9090 \\ 6300 \\ \hline 2790 \end{array}$$

$$\begin{array}{r} 2667 \\ 18662 \\ \hline 21329 \end{array}$$

Meters

1-520	S 20 W			884
520-550	S 10 W	(910)	535 3' S 30 E	✓ 102
		(966)	512 1' S 74 W. bank	
1-410	S 15 W	(109)	644 3' top of 1' S 30 E	
		(451)	265 1' S 24 E	697
		(697)	410. Creek 7' S. 30 W	✓ 289
410-580	S 25 W	(153)	90 Creek 8' S. 1' N 70 E	
1- "	S 25 W	(452)	464 Riv 2' S. 1' West	✓ 1000
		(452)	461 Creek	
		(782)	Amwell - 15 W. mile	
		(833)	490 Cross Creek S	✓
490-580	S 25 W			

XXII

XXIII



1-580	S25W	(24)	14	Bank 5' 18' 20'	
		(326)	120	555E	✓ 1,000
				424, 1. 20	
		(476)		N30W	
		(850)		Rail 3 1/2 E incl	
		(1000)		Temp shelter	
		(153)	90	Crest 540E 5/11	
1-580	S25W	(867)	510	2 Temp. 1/2 4	✓ 1,000
				Nell E. 1/2	
		(306)	180	Rail 1/2 1/2 Quad 100	700
		(714)	490	quad 20 1/2 wide	65
				580E - 0	
1-580-580	S 28' W	(799)	470	Creek vi 5 1/2 1/2	✓ 221
1-580	S25W	(119)	70	Quad 100	119

Handwritten mathematical work on lined paper, featuring multiple columns of calculations. The calculations involve numbers and fractions, with some results underlined. The work is organized into several vertical columns, each containing a sequence of operations. Some numbers are written in a larger, bolder script, while others are smaller. The overall appearance is that of a student's or a professional's working draft for a complex mathematical problem.

74

Notes

70-457	S 10 W	(184) 128	Creek Junction	652
403-580	S 30 W	(770) 453	64 gump	✓ 216
1-100	S 30 W	(918) 340	Brick	
100-420	S 15 W	(357) 210	bug	170
420-500	S 25 W	(485) 275	S 25 E	544
1-400	S 25 W			✓ 272
400-580	S 10 W			680
1-240	S 15 W	(150) 89	B. 1. 1. 1. Red	570 306 ✓
		(413) 243	Cane	413
			2-02 m. 22 1/2	
243-570	S 10 W			454
310-580	S 30			119 ✓
1-452	S 30 W	(729) 429	Temp. obs.	468
252-580	S 15 W			218 ✓





1-90	S15W			153
90-310	S20W			374
310-442	S25W		480 Bank 31. S81E	224
442-485	S65E	(816)		73
K33 485-580	S25W			✓162
1-580	S25W	(629)	370	570L
		(128)	70	11
1-155	S15W	(571)	320 Prob ( ), west bridge	
155-110	S15W			1000
460-530	South			264
K35 530-580	N75W	(906)	533 Prob spl. Ridge	519
				124
1-370	S15W	(629)	370 Rice 370, S30E	✓80
K36 370-580	S25W			629
				357 ✓

$$\begin{array}{r} 75 \\ 1.7 \\ \hline 4070 \\ 1.8 \\ \hline 2480 \\ 2.0 \\ \hline 525 \\ 2.5 \\ \hline 1275 \\ 3.0 \\ \hline 3825 \\ 3.5 \\ \hline 4375 \\ 4.0 \\ \hline 3000 \\ 4.5 \\ \hline 1500 \\ 5.0 \\ \hline 750 \\ 5.5 \\ \hline 150 \\ 6.0 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 4070 \\ 1.8 \\ \hline 2480 \\ 2.0 \\ \hline 525 \\ 2.5 \\ \hline 1275 \\ 3.0 \\ \hline 3825 \\ 3.5 \\ \hline 4375 \\ 4.0 \\ \hline 3000 \\ 4.5 \\ \hline 1500 \\ 5.0 \\ \hline 750 \\ 5.5 \\ \hline 150 \\ 6.0 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 37 \\ 1.3 \\ \hline 481 \\ 1.5 \\ \hline 553 \\ 1.7 \\ \hline 635 \\ 1.9 \\ \hline 727 \\ 2.1 \\ \hline 829 \\ 2.3 \\ \hline 941 \\ 2.5 \\ \hline 1063 \\ 2.7 \\ \hline 1195 \\ 2.9 \\ \hline 1337 \\ 3.1 \\ \hline 1489 \\ 3.3 \\ \hline 1651 \\ 3.5 \\ \hline 1823 \\ 3.7 \\ \hline 2005 \\ 3.9 \\ \hline 2197 \\ 4.1 \\ \hline 2400 \\ 4.3 \\ \hline 2613 \\ 4.5 \\ \hline 2836 \\ 4.7 \\ \hline 3069 \\ 4.9 \\ \hline 3312 \\ 5.1 \\ \hline 3565 \\ 5.3 \\ \hline 3828 \\ 5.5 \\ \hline 4091 \\ 5.7 \\ \hline 4364 \\ 5.9 \\ \hline 4647 \\ 6.1 \\ \hline 4930 \\ 6.3 \\ \hline 5223 \\ 6.5 \\ \hline 5526 \\ 6.7 \\ \hline 5839 \\ 6.9 \\ \hline 6162 \\ 7.1 \\ \hline 6495 \\ 7.3 \\ \hline 6838 \\ 7.5 \\ \hline 7191 \\ 7.7 \\ \hline 7554 \\ 7.9 \\ \hline 7927 \\ 8.1 \\ \hline 8310 \\ 8.3 \\ \hline 8703 \\ 8.5 \\ \hline 9106 \\ 8.7 \\ \hline 9519 \\ 8.9 \\ \hline 9942 \\ 9.1 \\ \hline 10375 \\ 9.3 \\ \hline 10818 \\ 9.5 \\ \hline 11271 \\ 9.7 \\ \hline 11734 \\ 9.9 \\ \hline 12207 \\ 10.1 \\ \hline 12690 \\ 10.3 \\ \hline 13183 \\ 10.5 \\ \hline 13686 \\ 10.7 \\ \hline 14199 \\ 10.9 \\ \hline 14722 \\ 11.1 \\ \hline 15255 \\ 11.3 \\ \hline 15798 \\ 11.5 \\ \hline 16351 \\ 11.7 \\ \hline 16914 \\ 11.9 \\ \hline 17487 \\ 12.1 \\ \hline 18070 \\ 12.3 \\ \hline 18663 \\ 12.5 \\ \hline 19266 \\ 12.7 \\ \hline 19879 \\ 12.9 \\ \hline 20502 \\ 13.1 \\ \hline 21135 \\ 13.3 \\ \hline 21778 \\ 13.5 \\ \hline 22431 \\ 13.7 \\ \hline 23094 \\ 13.9 \\ \hline 23767 \\ 14.1 \\ \hline 24450 \\ 14.3 \\ \hline 25143 \\ 14.5 \\ \hline 25846 \\ 14.7 \\ \hline 26559 \\ 14.9 \\ \hline 27282 \\ 15.1 \\ \hline 28015 \\ 15.3 \\ \hline 28758 \\ 15.5 \\ \hline 29511 \\ 15.7 \\ \hline 30274 \\ 15.9 \\ \hline 31047 \\ 16.1 \\ \hline 31830 \\ 16.3 \\ \hline 32623 \\ 16.5 \\ \hline 33426 \\ 16.7 \\ \hline 34239 \\ 16.9 \\ \hline 35062 \\ 17.1 \\ \hline 35895 \\ 17.3 \\ \hline 36738 \\ 17.5 \\ \hline 37591 \\ 17.7 \\ \hline 38454 \\ 17.9 \\ \hline 39327 \\ 18.1 \\ \hline 40210 \\ 18.3 \\ \hline 41103 \\ 18.5 \\ \hline 42006 \\ 18.7 \\ \hline 42919 \\ 18.9 \\ \hline 43842 \\ 19.1 \\ \hline 44775 \\ 19.3 \\ \hline 45718 \\ 19.5 \\ \hline 46671 \\ 19.7 \\ \hline 47634 \\ 19.9 \\ \hline 48607 \\ 20.1 \\ \hline 49590 \\ 20.3 \\ \hline 50583 \\ 20.5 \\ \hline 51586 \\ 20.7 \\ \hline 52599 \\ 20.9 \\ \hline 53622 \\ 21.1 \\ \hline 54655 \\ 21.3 \\ \hline 55698 \\ 21.5 \\ \hline 56751 \\ 21.7 \\ \hline 57814 \\ 21.9 \\ \hline 58887 \\ 22.1 \\ \hline 59970 \\ 22.3 \\ \hline 61063 \\ 22.5 \\ \hline 62166 \\ 22.7 \\ \hline 63279 \\ 22.9 \\ \hline 64392 \\ 23.1 \\ \hline 65515 \\ 23.3 \\ \hline 66648 \\ 23.5 \\ \hline 67791 \\ 23.7 \\ \hline 68944 \\ 23.9 \\ \hline 70107 \\ 24.1 \\ \hline 71280 \\ 24.3 \\ \hline 72463 \\ 24.5 \\ \hline 73656 \\ 24.7 \\ \hline 74859 \\ 24.9 \\ \hline 76072 \\ 25.1 \\ \hline 77295 \\ 25.3 \\ \hline 78528 \\ 25.5 \\ \hline 79771 \\ 25.7 \\ \hline 81024 \\ 25.9 \\ \hline 82287 \\ 26.1 \\ \hline 83560 \\ 26.3 \\ \hline 84843 \\ 26.5 \\ \hline 86136 \\ 26.7 \\ \hline 87439 \\ 26.9 \\ \hline 88752 \\ 27.1 \\ \hline 90075 \\ 27.3 \\ \hline 91408 \\ 27.5 \\ \hline 92751 \\ 27.7 \\ \hline 94104 \\ 27.9 \\ \hline 95467 \\ 28.1 \\ \hline 96840 \\ 28.3 \\ \hline 98223 \\ 28.5 \\ \hline 99616 \\ 28.7 \\ \hline 101019 \\ 28.9 \\ \hline 102432 \\ 29.1 \\ \hline 103855 \\ 29.3 \\ \hline 105288 \\ 29.5 \\ \hline 106731 \\ 29.7 \\ \hline 108184 \\ 29.9 \\ \hline 109647 \\ 30.1 \\ \hline 111120 \\ 30.3 \\ \hline 112603 \\ 30.5 \\ \hline 114096 \\ 30.7 \\ \hline 115600 \\ 30.9 \\ \hline 117113 \\ 31.1 \\ \hline 118636 \\ 31.3 \\ \hline 120169 \\ 31.5 \\ \hline 121712 \\ 31.7 \\ \hline 123265 \\ 31.9 \\ \hline 124828 \\ 32.1 \\ \hline 126401 \\ 32.3 \\ \hline 127984 \\ 32.5 \\ \hline 129577 \\ 32.7 \\ \hline 131180 \\ 32.9 \\ \hline 132793 \\ 33.1 \\ \hline 134416 \\ 33.3 \\ \hline 136049 \\ 33.5 \\ \hline 137692 \\ 33.7 \\ \hline 139345 \\ 33.9 \\ \hline 141008 \\ 34.1 \\ \hline 142681 \\ 34.3 \\ \hline 144364 \\ 34.5 \\ \hline 146057 \\ 34.7 \\ \hline 147760 \\ 34.9 \\ \hline 149473 \\ 35.1 \\ \hline 151196 \\ 35.3 \\ \hline 152929 \\ 35.5 \\ \hline 154672 \\ 35.7 \\ \hline 156425 \\ 35.9 \\ \hline 158188 \\ 36.1 \\ \hline 159961 \\ 36.3 \\ \hline 161744 \\ 36.5 \\ \hline 163537 \\ 36.7 \\ \hline 165340 \\ 36.9 \\ \hline 167153 \\ 37.1 \\ \hline 168976 \\ 37.3 \\ \hline 170809 \\ 37.5 \\ \hline 172652 \\ 37.7 \\ \hline 174505 \\ 37.9 \\ \hline 176368 \\ 38.1 \\ \hline 178241 \\ 38.3 \\ \hline 180124 \\ 38.5 \\ \hline 182017 \\ 38.7 \\ \hline 183920 \\ 38.9 \\ \hline 185833 \\ 39.1 \\ \hline 187756 \\ 39.3 \\ \hline 189689 \\ 39.5 \\ \hline 191632 \\ 39.7 \\ \hline 193585 \\ 39.9 \\ \hline 195548 \\ 40.1 \\ \hline 197521 \\ 40.3 \\ \hline 199504 \\ 40.5 \\ \hline 201497 \\ 40.7 \\ \hline 203500 \\ 40.9 \\ \hline 205513 \\ 41.1 \\ \hline 207536 \\ 41.3 \\ \hline 209569 \\ 41.5 \\ \hline 211612 \\ 41.7 \\ \hline 213665 \\ 41.9 \\ \hline 215728 \\ 42.1 \\ \hline 217801 \\ 42.3 \\ \hline 219884 \\ 42.5 \\ \hline 221977 \\ 42.7 \\ \hline 224080 \\ 42.9 \\ \hline 226193 \\ 43.1 \\ \hline 228316 \\ 43.3 \\ \hline 230449 \\ 43.5 \\ \hline 232592 \\ 43.7 \\ \hline 234745 \\ 43.9 \\ \hline 236908 \\ 44.1 \\ \hline 239081 \\ 44.3 \\ \hline 241264 \\ 44.5 \\ \hline 243457 \\ 44.7 \\ \hline 245660 \\ 44.9 \\ \hline 247873 \\ 45.1 \\ \hline 250096 \\ 45.3 \\ \hline 252329 \\ 45.5 \\ \hline 254572 \\ 45.7 \\ \hline 256825 \\ 45.9 \\ \hline 259088 \\ 46.1 \\ \hline 261361 \\ 46.3 \\ \hline 263644 \\ 46.5 \\ \hline 265937 \\ 46.7 \\ \hline 268240 \\ 46.9 \\ \hline 270553 \\ 47.1 \\ \hline 272876 \\ 47.3 \\ \hline 275209 \\ 47.5 \\ \hline 277552 \\ 47.7 \\ \hline 279905 \\ 47.9 \\ \hline 282268 \\ 48.1 \\ \hline 284641 \\ 48.3 \\ \hline 287024 \\ 48.5 \\ \hline 289417 \\ 48.7 \\ \hline 291820 \\ 48.9 \\ \hline 294233 \\ 49.1 \\ \hline 296656 \\ 49.3 \\ \hline 299089 \\ 49.5 \\ \hline 301532 \\ 49.7 \\ \hline 303985 \\ 49.9 \\ \hline 306448 \\ 50.1 \\ \hline 308921 \\ 50.3 \\ \hline 311404 \\ 50.5 \\ \hline 313897 \\ 50.7 \\ \hline 316400 \\ 50.9 \\ \hline 318913 \\ 51.1 \\ \hline 321436 \\ 51.3 \\ \hline 323969 \\ 51.5 \\ \hline 326512 \\ 51.7 \\ \hline 329065 \\ 51.9 \\ \hline 331628 \\ 52.1 \\ \hline 334201 \\ 52.3 \\ \hline 336784 \\ 52.5 \\ \hline 339377 \\ 52.7 \\ \hline 341980 \\ 52.9 \\ \hline 344593 \\ 53.1 \\ \hline 347216 \\ 53.3 \\ \hline 349849 \\ 53.5 \\ \hline 352492 \\ 53.7 \\ \hline 355145 \\ 53.9 \\ \hline 357808 \\ 54.1 \\ \hline 360481 \\ 54.3 \\ \hline 363164 \\ 54.5 \\ \hline 365857 \\ 54.7 \\ \hline 368560 \\ 54.9 \\ \hline 371273 \\ 55.1 \\ \hline 373996 \\ 55.3 \\ \hline 376729 \\ 55.5 \\ \hline 379472 \\ 55.7 \\ \hline 382225 \\ 55.9 \\ \hline 384988 \\ 56.1 \\ \hline 387761 \\ 56.3 \\ \hline 390544 \\ 56.5 \\ \hline 393337 \\ 56.7 \\ \hline 396140 \\ 56.9 \\ \hline 398953 \\ 57.1 \\ \hline 401776 \\ 57.3 \\ \hline 404609 \\ 57.5 \\ \hline 407452 \\ 57.7 \\ \hline 410305 \\ 57.9 \\ \hline 413168 \\ 58.1 \\ \hline 416041 \\ 58.3 \\ \hline 418924 \\ 58.5 \\ \hline 421817 \\ 58.7 \\ \hline 424720 \\ 58.9 \\ \hline 427633 \\ 59.1 \\ \hline 430556 \\ 59.3 \\ \hline 433489 \\ 59.5 \\ \hline 436432 \\ 59.7 \\ \hline 439385 \\ 59.9 \\ \hline 442348 \\ 60.1 \\ \hline 445321 \\ 60.3 \\ \hline 448304 \\ 60.5 \\ \hline 451297 \\ 60.7 \\ \hline 454300 \\ 60.9 \\ \hline 457313 \\ 61.1 \\ \hline 460336 \\ 61.3 \\ \hline 463369 \\ 61.5 \\ \hline 466412 \\ 61.7 \\ \hline 469465 \\ 61.9 \\ \hline 472528 \\ 62.1 \\ \hline 475601 \\ 62.3 \\ \hline 478684 \\ 62.5 \\ \hline 481777 \\ 62.7 \\ \hline 484880 \\ 62.9 \\ \hline 487993 \\ 63.1 \\ \hline 491116 \\ 63.3 \\ \hline 494249 \\ 63.5 \\ \hline 497392 \\ 63.7 \\ \hline 500545 \\ 63.9 \\ \hline 503708 \\ 64.1 \\ \hline 506881 \\ 64.3 \\ \hline 510064 \\ 64.5 \\ \hline 513257 \\ 64.7 \\ \hline 516460 \\ 64.9 \\ \hline 519673 \\ 65.1 \\ \hline 522896 \\ 65.3 \\ \hline 526129 \\ 65.5 \\ \hline 529372 \\ 65.7 \\ \hline 532625 \\ 65.9 \\ \hline 535888 \\ 66.1 \\ \hline 539161 \\ 66.3 \\ \hline 542444 \\ 66.5 \\ \hline 545737 \\ 66.7 \\ \hline 549040 \\ 66.9 \\ \hline 552353 \\ 67.1 \\ \hline 555676 \\ 67.3 \\ \hline 559009 \\ 67.5 \\ \hline 562352 \\ 67.7 \\ \hline 565705 \\ 67.9 \\ \hline 569068 \\ 68.1 \\ \hline 572441 \\ 68.3 \\ \hline 575824 \\ 68.5 \\ \hline 579217 \\ 68.7 \\ \hline 582620 \\ 68.9 \\ \hline 586033 \\ 69.1 \\ \hline 589456 \\ 69.3 \\ \hline 592889 \\ 69.5 \\ \hline 596332 \\ 69.7 \\ \hline 599785 \\ 69.9 \\ \hline 603248 \\ 70.1 \\ \hline 606721 \\ 70.3 \\ \hline 610204 \\ 70.5 \\ \hline 613697 \\ 70.7 \\ \hline 617200 \\ 70.9 \\ \hline 620713 \\ 71.1 \\ \hline 624236 \\ 71.3 \\ \hline 627769 \\ 71.5 \\ \hline 631312 \\ 71.7 \\ \hline 634865 \\ 71.9 \\ \hline 638428 \\ 72.1 \\ \hline 641991 \\ 72.3 \\ \hline 645564 \\ 72.5 \\ \hline 649147 \\ 72.7 \\ \hline 652740 \\ 72.9 \\ \hline 656343 \\ 73.1 \\ \hline 659956 \\ 73.3 \\ \hline 663579 \\ 73.5 \\ \hline 667212 \\ 73.7 \\ \hline 670855 \\ 73.9 \\ \hline 674508 \\ 74.1 \\ \hline 678171 \\ 74.3 \\ \hline 681844 \\ 74.5 \\ \hline 685527 \\ 74.7 \\ \hline 689220 \\ 74.9 \\ \hline 692923 \\ 75.1 \\ \hline 696636 \\ 75.3 \\ \hline 700359 \\ 75.5 \\ \hline 704092 \\ 75.7 \\ \hline 707835 \\ 75.9 \\ \hline 711588 \\ 76.1 \\ \hline 715351 \\ 76.3 \\ \hline 719124 \\ 76.5 \\ \hline 722907 \\ 76.7 \\ \hline 726690 \\ 76.9 \\ \hline 730483 \\ 77.1 \\ \hline 734286 \\ 77.3 \\ \hline 738099 \\ 77.5 \\ \hline 741922 \\ 77.7 \\ \hline 745755 \\ 77.9 \\ \hline 749598 \\ 78.1 \\ \hline 753451 \\ 78.3 \\ \hline 757314 \\ 78.5 \\ \hline 761187 \\ 78.7 \\ \hline 765070 \\ 78.9 \\ \hline 768963 \\ 79.1 \\ \hline 772866 \\ 79.3 \\ \hline 776779 \\ 79.5 \\ \hline 780702 \\ 79.7 \\ \hline 784635 \\ 79.9 \\ \hline 788578 \\ 80.1 \\ \hline 792531 \\ 80.3 \\ \hline 796494 \\ 80.5 \\ \hline 800467 \\ 80.7 \\ \hline 804450 \\ 80.9 \\ \hline 808443 \\ 81.1 \\ \hline 812446 \\ 81.3 \\ \hline 816459 \\ 81.5 \\ \hline 820482 \\ 81.7 \\ \hline 824515 \\ 81.9 \\ \hline 828558 \\ 82.1 \\ \hline 832611 \\ 82.3 \\ \hline 836674 \\ 82.5 \\ \hline 840747 \\ 82.7 \\ \hline 844830 \\ 82.9 \\ \hline 848923 \\ 83.1 \\ \hline 853026 \\ 83.3 \\ \hline 857139 \\ 83.5 \\ \hline 861262 \\ 83.7 \\ \hline 865395 \\ 83.9 \\ \hline 869538 \\ 84.1 \\ \hline 873691 \\ 84.3 \\ \hline 877854 \\ 84.5 \\ \hline 882027 \\ 84.7 \\ \hline 886210 \\ 84.9 \\ \hline 890403 \\ 85.1 \\ \hline 894606 \\ 85.3 \\ \hline 898819 \\ 85.5 \\ \hline 903042 \\ 85.7 \\ \hline 907275 \\ 85.9 \\ \hline 911518 \\ 86.1 \\ \hline 915771 \\ 86.3 \\ \hline 920034 \\ 86.5 \\ \hline 924307 \\ 86.7 \\ \hline 928590 \\ 86.9 \\ \hline 932883 \\ 87.1 \\ \hline 937186 \\ 87.3 \\ \hline 941499 \\ 87.5 \\ \hline 945822 \\ 87.7 \\ \hline 950155 \\ 87.9 \\ \hline 954498 \\ 88.1 \\ \hline 958851 \\ 88.3 \\ \hline 963214 \\ 88.5 \\ \hline 967587 \\ 88.7 \\ \hline 971970 \\ 88.9 \\ \hline 976363 \\ 89.1 \\ \hline 980766 \\ 89.3 \\ \hline 985179 \\ 89.5 \\ \hline 989602 \\ 89.7 \\ \hline 994035 \\ 89.9 \\ \hline 998478 \\ 90.1 \\ \hline 1002931 \\ 90.3 \\ \hline 1007394 \\ 90.5 \\ \hline 1011867 \\ 90.7 \\ \hline 1016350 \\ 90.9 \\ \hline 1020843 \\ 91.1 \\ \hline 1025346 \\ 91.3 \\ \hline 1029859 \\ 91.5 \\ \hline 1034382 \\ 91.7 \\ \hline 1038915 \\ 91.9 \\ \hline 1043458 \\ 92.1 \\ \hline 1048011 \\ 92.3 \\ \hline 1052574 \\ 92.5 \\ \hline 1057147 \\ 92.7 \\ \hline 1061730 \\ 92.9 \\ \hline 1066323 \\ 93.1 \\ \hline 1070926 \\ 93.3 \\ \hline 1075539 \\ 93.5 \\ \hline 1080162 \\ 93.7 \\ \hline 1084795 \\ 93.9 \\ \hline 1089438 \\ 94.1 \\ \hline 1094091 \\ 94.3 \\ \hline 1098754 \\ 94.5 \\ \hline 1103427 \\ 94.7 \\ \hline 1108110 \\ 94.9 \\ \hline 1112803 \\ 95.1 \\ \hline 1117506 \\ 95.3 \\ \hline 1122219 \\ 95.5 \\ \hline 1126942 \\ 95.7 \\ \hline 1131675 \\ 95.9 \\ \hline 1136418 \\ 96.1 \\ \hline 1141171 \\ 96.3 \\ \hline 1145934 \\ 96.5 \\ \hline 1150707 \\ 96.7 \\ \hline 1155490 \\ 96.9 \\ \hline 1160283 \\ 97.1 \\ \hline 1165086 \\ 97.3 \\ \hline 1169899 \\ 97.5 \\ \hline 1174722 \\ 97.7 \\ \hline 1179555 \\ 97.9 \\ \hline 1184398 \\ 98.1 \\ \hline 1189251 \\ 98.3 \\ \hline 1194114 \\ 98.5 \\ \hline 1198987 \\ 98.7 \\ \hline 1203870 \\ 98.9 \\ \hline 1208763 \\ 99.1 \\ \hline 1213666 \\ 99.3 \\ \hline 1218579 \\ 99.5 \\ \hline 1223502 \\ 99.7 \\ \hline 1228435 \\ 99.9 \\ \hline 1233378 \\ 100.1 \\ \hline 1238331 \\ 100.3 \\ \hline 1243294 \\ 100.5 \\ \hline 1248267 \\ 100.7 \\ \hline 1253250 \\ 100.9 \\ \hline 1258243 \\ 101.1 \\ \hline 1263246 \\ 101.3 \\ \hline 1268259 \\ 101.5 \\ \hline 1273282 \\ 101.7 \\ \hline 1278315 \\ 101.9 \\ \hline 1283358 \\ 102.1 \\ \hline 1288411 \\ 102.3 \\ \hline 1293474 \\ 102.5 \\ \hline 1298547 \\ 102.7 \\ \hline 1303630 \\ 102.9 \\ \hline 1308723 \\ 103.1 \\ \hline 1313826 \\ 103.3 \\ \hline 1318939 \\ 103.5 \\ \hline 1324062 \\ 103.7 \\ \hline 1329195 \\ 103.9 \\ \hline 1334338 \\ 104.1 \\ \hline 1339491 \\ 104.3 \\ \hline 1344654 \\ 104.5 \\ \hline 1349827 \\ 104.7 \\ \hline 1354910 \\ 104.9 \\ \hline 1360003 \\ 105.1 \\ \hline 1365106 \\ 105.3 \\ \hline 1370219 \\ 105.5 \\ \hline 1375342 \\ 105.7 \\ \hline 1380475 \\ 105.9 \\ \hline 1385618 \\ 106.1 \\ \hline 1390771 \\ 106.3 \\ \hline 1395934 \\ 106.5 \\ \hline 1401107 \\ 106.7 \\ \hline 1406290 \\ 106.9 \\ \hline 1411483 \\ 107.1 \\ \hline 1416686 \\ 107.3 \\ \hline 1421899 \\ 107.5 \\ \hline 1427122 \\ 107.7 \\ \hline 1432355 \\ 107.9 \\ \hline 1437598 \\ 108.1 \\ \hline 1442851 \\ 108.3 \\ \hline 1448114 \\ 108.5 \\ \hline 1453387 \\ 108.7 \\ \hline 1458670 \\ 108.9 \\ \hline 1463963 \\ 109.1 \\ \hline 1469266 \\ 109.3 \\ \hline 1474579 \\ 109.5 \\ \hline 1479902 \\ 109.7 \\ \hline 1485235 \\ 109.9 \\ \hline 1490578 \\ 110.1 \\ \hline 1495931 \\ 110.3 \\ \hline 1501294 \\ 110.5 \\ \hline 1506667 \\ 110.7 \\ \hline 1512050 \\ 110.9 \\ \hline 1517443 \\ 111.1 \\ \hline 1522846 \\ 111.3 \\ \hline 1528259 \\ 111.5 \\ \hline 1533682 \\ 111.7 \\ \hline 1539115 \\ 111.9 \\ \hline 1544558 \\ 112.1 \\ \hline 1549911 \\ 112.3 \\ \hline 1555274 \\ 112.5 \\ \hline 1560647 \\ 112.7 \\ \hline 1566030 \\ 112.9 \\ \hline 1571423 \\ 113.1 \\ \hline 1576826 \\ 113.3 \\ \hline 1582239 \\ 113.5 \\ \hline 1587662 \\ 113.7 \\ \hline 1593095 \\ 113.9 \\ \hline 1598538 \\ 114.1 \\ \hline 1603991 \\ 114.3 \\ \hline 1609454 \\ 114.5 \\ \hline 1614927 \\ 114.7 \\ \hline 1620410 \\ 114.9 \\ \hline 1625903 \\ 115.1 \\ \hline 1631406 \\ 115.3 \\ \hline 1636919 \\ 115.5 \\ \hline 1642442 \\ 115.7 \\ \hline 1647975 \\ 115.9 \\ \hline 1653518 \\ 116.1 \\ \hline 1659071 \\ 116.3 \\ \hline 1664634 \\ 116.5 \\ \hline 1670207 \\ 116.7 \\ \hline 1675790 \\ 116.9 \\ \hline 1681383 \\ 117.1 \\ \hline 1686986 \\ 117.3 \\ \hline 1692599 \\ 117.5 \\ \hline 1698222 \\ 117.7 \\ \hline 1703855 \\ 117.9 \\ \hline 1709498 \\ 118.1 \\ \hline 1715151 \\ 118.3 \\ \hline 1720814 \\ 118.5 \\ \hline 1726487 \\ 118.7 \\ \hline 1732170 \\ 118.9 \\ \hline 1737863 \\ 119.1 \\ \hline 1743566 \\ 119.3 \\ \hline 1749279 \\ 119.5 \\ \hline 1754992 \\ 119.7 \\ \hline 1760715 \\ 119.9 \\ \hline 1766448 \\ 120.1 \\ \hline 1772191 \\ 120.3 \\ \hline 1777944 \\ 120.5 \\ \hline 1783707 \\ 120.7 \\ \hline 1789480 \\ 120.9 \\ \hline 1795263 \\ 121.1 \\ \hline 1801056 \\ 121.3 \\ \hline 1806859 \\ 121.5 \\ \hline 1812672 \\ 121.7 \\ \hline 1818495 \\ 121.9 \\ \hline 1824328 \\ 122.1 \\ \hline 1830171 \\ 122.3 \\ \hline 1836024 \\ 122.5 \\ \hline 1841887 \\ 122.7 \\ \hline 1847760 \\ 122.9 \\ \hline 1853643 \\ 123.1 \\ \hline 1859536 \\ 123.3 \\ \hline 1865439 \\ 123.5 \\ \hline 1871352 \\ 123.7 \\ \hline 1877275 \\ 123.9 \\ \hline 1883208 \\ 124.1 \\ \hline 1889151 \\ 124.3 \\ \hline 1895104 \\ 124.5 \\ \hline 1901067 \\ 124.7 \\ \hline 1907040 \\ 124.9 \\ \hline 1913023 \\ 125.1 \\ \hline 1919016 \\ 125.3 \\ \hline 1925019 \\ 125.5 \\ \hline 1931032 \\ 125.7 \\ \hline 1937055 \\ 125.9 \\ \hline 1943088 \\ 126.1 \\ \hline 1949131 \\ 126.3 \\ \hline 1955184 \\ 126.5 \\ \hline 1961247 \\ 126.7 \\ \hline 1967320 \\ 126.9 \\ \hline 1973403 \\ 127.1 \\ \hline 1979496 \\ 127.3 \\ \hline 1985599 \\ 127.5 \\ \hline 1991712 \\ 127.7 \\ \hline 1997835 \\ 127.9 \\ \hline 2003968 \\ 128.1 \\ \hline 2010111 \\ 128.3 \\ \hline 2016264 \\ 128.5 \\ \hline 2022427 \\ 128.7 \\ \hline 2028590 \\ 128.9 \\ \hline 2034763 \\ 129.1 \\ \hline 2040946 \\ 129.3 \\ \hline 2047139 \\ 129.5 \\ \hline 2053342 \\ 129.7 \\ \hline 2059555 \\ 129.9 \\ \hline 2065778 \\ 130.1 \\ \hline 2071911 \\ 130.3 \\ \hline 2078064 \\ 130.5 \\ \hline 2084227 \\ 130.7 \\ \hline 2090390 \\ 130.9 \\ \hline 2096563 \\ 131.1 \\ \hline 2102746 \\ 131.3 \\ \hline 2108939 \\ 131.5 \\ \hline 2115142 \\ 131.7 \\ \hline 2121355 \\ 131.9 \\ \hline 2127578 \\ 132.1 \\ \hline 2133811 \\ 132.3 \\ \hline 2139954 \\ 132.5 \\ \hline 2146107 \\ 132.7 \\ \hline 2152270 \\ 132.9 \\ \hline 2158443 \\ 133.1 \\ \hline 2164626 \\ 133.3 \\ \hline 2170819 \\ 133.5 \\ \hline 2177022 \\ 133.7 \\ \hline 2183235 \\ 133.9 \\ \hline 2189458 \\ 134.1 \\ \hline 2195691 \\ 134.3 \\ \hline 2201934 \\ 134.5 \\ \hline 2208187 \\ 134.7 \\ \hline 2214450 \\ 134.9 \\ \hline 2220723 \\ 135.1 \\ \hline 2226996 \\ 135.3 \\ \hline 2233279 \\ 135.5 \\ \hline 2239572 \\ 135.7 \\ \hline 2245875 \\ 135.9 \\ \hline 2252188 \\ 136.1 \\ \hline 2258501 \\ 136.3 \\ \hline 2264824 \\ 136.5 \\ \hline 2271157 \\ 136.7 \\ \hline 2277500 \\ 136.9 \\ \hline 2283853 \\ 137.1 \\ \hline 2290216 \\ 137.3 \\ \hline 2296589 \\ 137.5 \\ \hline 2302972 \\ 137.7 \\ \hline 2309365 \\ 137.9 \\ \hline 2315768 \\ 138.1 \\ \hline 2322181 \\ 138.3 \\ \hline 2328604 \\ 138.5 \\ \hline 2335037 \\ 138.7 \\ \hline 2341480 \\ 138.9 \\ \hline 2347933 \\ 139$$

1-75	S20W	(68)	40 Bear 3H S20E	128
75-580		(121)	71 Rile 3H E	
	S30W	(740)	43 " 26 ft. Brook 4H S55E	
		(901)	530 " 10 ft. 10 x 10 ft.	
		(1,000)	580 " 70 ft. 1/11 ft.	859
420-500	S30W	825	485 Creek 15H. g. w. bridge S15E	714
500-550	S20W	(260)	153 " 14H. w. bridge S30E	136
1-580	S20W	(971)	571 Rile 2H S30E	1,000
1-242	S20W	(6035)	35 " 6H. N56E 1/4	441
242-378	S30W	(697)	410 Day 1/2	231
378-580	S40W			343

K7

K28  
89

K44

5/17

$$\begin{array}{r} 257.0 \\ 1.1 \\ \hline 258.1 \end{array}$$

22712

331.70

$$\begin{array}{r} 1357.5 \\ 1.5 \\ \hline 942.5 \end{array}$$

~~0.135~~

20/3/77

1352/1111

15/10/19

~~560~~

3/11/19

$$\begin{array}{r} 540 \\ 190 \overline{) 540} \\ \underline{190} \\ 350 \\ \underline{190} \\ 160 \end{array}$$

607293930

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   
 $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 $\frac{1}{256} \times \frac{1}{256} = \frac{1}{65536}$   
 $\frac{1}{65536} \times \frac{1}{65536} = \frac{1}{4294967296}$

$$\frac{1}{2} \frac{1}{2}$$

$$\begin{array}{r} 1200 \\ 1200 \\ \hline 2400 \end{array}$$

2020/12/20

391.0

~~6/30/90~~

~~3078~~

$$\begin{array}{r} 1320 \\ 13230 \\ \hline 3230 \end{array}$$

3505

201

1-511	S20W	(58)	34 Buck 5th. L. 113rd	809
51-541	S25E			51
541-580	S 4th			66
1-22	S 4th			37
2-135	S22W			192
135-190	S10W			94
190-330	S20W	(442) 26	Buck 17th. S2E	663
1-330	S20W	(663) 34		
330-560	S30W	(230) 135	Buck 5th. Ring. S40E	561
560-580	S10W	(425) 250	Buck 6th. East	289
580-580	S20W	(850) 500	Rec 3rd. S80E	102
580-580	S20W			34
1-165	S20W	(323) 190	Rec 2nd. S10E	282
165-280	S20W	(523) 310	Cross 1st. S10E	284
280-084	S30W			340
084-025	S20W	(842) 495	H. 1st = 6th	170

K47

K42

K43

K44

$$\begin{array}{r} 558 \\ 17 \overline{) 3906} \\ \underline{119} \\ 558 \\ \underline{558} \\ 0 \end{array}$$

31.76  
2386  
784.

$$\begin{array}{r} 101.7 \\ 74.2 \\ \hline 27.5 \end{array}$$

$$\begin{array}{r} 2070 \\ 1740 \\ \hline 3810 \end{array}$$

180 1.7  
181 0  
182 1.7  
183 0  
184 1.7  
185 0  
186 1.7  
187 0  
188 1.7  
189 0  
190 1.7  
191 0  
192 1.7  
193 0  
194 1.7  
195 0  
196 1.7  
197 0  
198 1.7  
199 0  
200 1.7  
201 0  
202 1.7  
203 0  
204 1.7  
205 0  
206 1.7  
207 0  
208 1.7  
209 0  
210 1.7  
211 0  
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$$\begin{array}{r} 1.7 \\ \times 30 \\ \hline 51 \end{array}$$

$$\begin{array}{r} 995 \\ \times 701 \\ \hline 995 \\ 6965 \\ \hline 696500 \\ \hline 696500 \end{array}$$

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K46	1-580	520W	(779)	417 Rice 4 fl. E.	1000
	1-120	520W	(179)	100 Bump	
	120-378	535W	(258)	145 Bump	
			(564)	332 Chick	15 fl. 555 E B. 2.04 99%
			(643)	378 Camp	2.5 fl. 5.01
K46	378-580	525W			439
	1-142	525W	(136)	80 fl.	343
	142-185	505W	(241)	142 R. (1/11)	241
K48	185-580	520W	(689)	401 Chick 14 fl. 1.11 fl. 1.11	73
K48	1-580	520W	(306)	100 Bump 7 fl. 7 fl. 7 fl. 7 fl.	672
	1-520	520W	(949)	508 Chick 10 fl. 535 E 13 fl.	100
	520-558	60W	(82)	48 Rice 3 fl. E.	887
K48	558-580	815W			65
	1-106	515W			37
	100-250	525W			180

$$\begin{array}{r} 3970 \\ 230 \\ \hline 3740 \\ 230 \\ \hline 3970 \end{array}$$

$$\begin{array}{r} 580 \\ 310 \\ \hline 270 \\ 270 \\ \hline 540 \end{array}$$

$$\begin{array}{r} 3107 \\ 2170 \\ \hline 937 \\ 310 \\ \hline 5270 \\ 310 \\ \hline 5580 \end{array}$$

$$\begin{array}{r} 170 \\ 30 \\ \hline 140 \\ 30 \\ \hline 170 \end{array}$$

$$\begin{array}{r} 4217 \\ 2947 \\ \hline 1270 \\ 2947 \\ \hline 4217 \end{array}$$

$$\begin{array}{r} 2575 \\ 175 \\ \hline 2750 \end{array}$$

$$\begin{array}{r} 52525 \\ 175 \\ \hline 52700 \end{array}$$

$$\begin{array}{r} 22622 \\ 1582 \\ \hline 24204 \end{array}$$

$$\begin{array}{r} 1807 \\ 130 \\ \hline 1937 \end{array}$$

$$\begin{array}{r} 1900 \\ 230 \\ \hline 2130 \end{array}$$

$$\begin{array}{r} 4417 \\ 3041 \\ \hline 7458 \end{array}$$

$$\begin{array}{r} 570 \\ 17 \\ \hline 587 \end{array}$$

$$\begin{array}{r} 3990 \\ 3970 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 5717 \\ 391 \\ \hline 6108 \end{array}$$

$$\begin{array}{r} 24876 \\ 1738 \\ \hline 26614 \end{array}$$

$$\begin{array}{r} 9690 \\ 9690 \\ \hline 0 \end{array}$$



250-285	S 05W	(527)	310 Cont. 12 ft N57E Base	60
285-310	S 45W			43
310-580	S 20W			✓ 459
1-186	S 20W			
186-250	S 35W			<u>316</u>
250-580	S 20N	(530/312)	Base 5 1/2 S 70E N 1/2	109
580-680	S 20W	760	Rill 4 ft	561
680-710	S 20W	(716/421)		
710-740	S 20W	(971)		
740-770	S 20W	(422)	248 P'd 3 1/2 S 30E	
770-800	S 20W	(969)	570 Base 6 ft S 70W	1000
800-830	S 20W	(384)		<u>1,000</u>
830-860	S 20W	(561/33)	10 ft S 70E	<u>1,000</u>

50

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2207

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$$\begin{array}{r} 181 \\ 525 \\ \hline 593 \end{array}$$

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22/04/20

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$$\frac{25}{23} \div \frac{10}{29} =$$

$$\begin{array}{r} 482 \\ \times 340 \\ \hline \end{array}$$

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23/63

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$$\begin{array}{r} 14 \\ 25 \overline{) 353} \\ \underline{50} \phantom{0} \\ 33 \phantom{0} \\ \underline{33} \phantom{0} \\ 0 \end{array}$$

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$$\begin{array}{r} 230 \\ 1.70 \\ \hline \end{array}$$

$$\begin{array}{r} 161 \\ 230 \\ \hline \end{array}$$

391.

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$$\begin{array}{r} 149 \\ 230 \end{array}$$

1817

567

$$\begin{array}{r} 137.7 \\ 8.1 \end{array}$$

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31

1-220	310W	(547)	310W 3 1/2, S 10 E	374
155 1-580	520W			612
1-110	530W			187
1-243	540W	(315)	132-1 1/2 S 10 E	226
141-544	520W			507
154 1-580	530W			66
1-580	530W			4,000
149-230	510W			253
230-460	505W	(629)	370 8 1/2 11 1/2 W	138
		(482)	410 10 1/2 5 1/2 10 1/2 W	391
41-541	510W	(952)	560 Cuck	138
158 1-580	530W		North S 80 E	66

K585 11 580

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$$\begin{array}{r} 461.7 \\ \times 220 \\ \hline 92340 \\ 92340 \\ \hline 101574 \end{array}$$

$$\begin{array}{r} 585 \\ \times 195 \\ \hline 5850 \\ 10710 \\ 58500 \\ \hline 1150875 \end{array}$$

$$\begin{array}{r} 14970 \\ \times 900 \\ \hline 1347300 \end{array}$$

$$\begin{array}{r} 5200 \\ \times 180 \\ \hline 86400 \\ 93600 \\ \hline 936000 \end{array}$$

$$\begin{array}{r} 1957 \\ \times 195 \\ \hline 381315 \end{array}$$

$$\begin{array}{r} 4070 \\ \times 150 \\ \hline 61050 \end{array}$$

1-540	520W		
160 540-580	530W		
1-195	530W	238	918
160 195-580	520W	173	68
1-530	500	782	332
160 530-580	545W		655
1-55	545W	35	
55-101	515W		
1-104	530W		
104-240	515W		
104	515W		

1.7

1-420

550

420-500

565 W

500-585

N17 W

~~1369~~  
1315

M

7

7.11

250  
1.7  
1750  
250  
4250

861

62 460-580 S20W

1-250 S20W

250-380

330-435

179  
425  
136

$\frac{748}{100} = 7.48$

$\frac{435}{116} = 3.75$

$\frac{50}{370} = .135$

$\frac{75}{870} = .086$

$\frac{80}{560} = .143$

$\frac{80}{1360} = .059$

330  
250  
80

460-580

330 Group of 4 Temp shelters  
20 x 12 pairs. First camp.

435 Main Camp

$\frac{105}{1.7} = 61.76$

$\frac{435}{330} = 1.318$

$\frac{1785}{105} = 16.9$

$\frac{1785}{105} = 16.9$

$\frac{1785}{105} = 16.9$

$\frac{1785}{105} = 16.9$

36

30

29

36

34

37

24

226

122

131

085

056

129

137

8<sup>2836</sup>

20

15

24

15

09

13

11

15

122

✓

08

05

13

33

19

13

04

28

08

137

08

05

04

10

06

07

04

12

56

06

13

09

09

07

05

06

15

07

08

85

14.2

62 | 886

62

260

248

120  
124



06	07
09	09
12	10
13	10
16	09
18	18
12	27
08	18
10	29
13	1357
12	

---

129

62  $\overline{) 38.0}$

372

---

80

2.2

---

62  $\overline{) 135.0}$

124

---

110

62

---



Studying the topography of the left  
(Vander) bank in the immediate vicinity of  
~~the~~ Puerto indicates that  
there is a considerable land  
for a large river. In fact,  
the left bank has considerable  
area especially subject to  
inundation and a large creek  
emptying 1 km. above the port,  
which renders the land  
also subj. to flooding. Similar  
conditions prevail along  
the left bank down the river  
which has 2 creeks emptying  
into the Apaporis close to the  
port. On the right (Cagueta) bank  
at Puerto, the terrain is above  
flood level only along the bank, all  
the hinterland being subject to  
inundations at highest water.

The largest area of land not subject  
to flooding at high water is a rectangular  
piece at the lower end of the straight

$$\begin{array}{r} S25E \\ \hline 0.5 \end{array} \quad \begin{array}{r} N75W \\ \hline 1.0 \end{array} \quad \begin{array}{r} S65E \\ \hline 0.5 \end{array}$$

stretch of Pto. . It ~~is~~ lies  
along the axis of this stretch. The  
edge of the river is well above high  
water level for more than 250 m  
at  $S80E$ . In depth,  $N45E$  this  
piece ~~has~~ measures 550 m. before  
a large floodable area is met.

---

The last km. of path before arriving  
at Pto. V. has considerable low  
land which is underwater ~~at~~ in the  
rainy season.

---

# Direction of path Graduated. to Appomiz -

<u>S mth</u>	<u>S10W</u>	<u>S15W</u>	<u>S20W</u>	<u>S25W</u>	<u>S30W</u>
5.0	6.5	5.5	3.5	3.0	2.0
0.5	3.0	4.0	3.5	7.0	2.0
0.5	4.5	2.0	1.5	2.0	1.0
	1.5	1.5	1.5	1.5	7.5
	1.0	2.5	10.0	10.0	8.5
	1.0	6.5	4.0	0.5	7.0
	3.5	0.5	3.5	3.0	2.5
	1.5	2.0	9.0	3.5	3.0
	1.5		2.0	2.5	2.0
			6.5	2.5	3.5
			5.5	4.0	2.0
			1.5		0.5
			10.0		10.0
			2.0	39.5	2.5
			6.5		0.5
			10.0		1.0
			9.0		3.0
			4.5		
			3.0		
			5.5		
			10.0		
			10.0		
			10.0		
			6.0		
			5.0		
			9.0		
			6.5		
<u>S35W</u>	<u>S05W</u>	<u>S60W</u>	<u>S75W</u>	<u>S40W</u>	
4.5	0.5	0.5	159.0	2.0	
1.0	0.5				

S45W  
0.5

To creek

160  
 200  
 200  
 500  
 100  
 200  
 300  
 400  
 500  
 600  
 700  
 800  
 900  
 1000  
 1100  
 1200  
 1300  
 1400  
 1500  
 1600  
 1700  
 1800  
 1900  
 2000  
 2100  
 2200  
 2300  
 2400  
 2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000  
 4100  
 4200  
 4300  
 4400  
 4500  
 4600  
 4700  
 4800  
 4900  
 5000  
 5100  
 5200  
 5300  
 5400  
 5500  
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 5800  
 5900  
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 6600  
 6700  
 6800  
 6900  
 7000  
 7100  
 7200  
 7300  
 7400  
 7500  
 7600  
 7700  
 7800  
 7900  
 8000  
 8100  
 8200  
 8300  
 8400  
 8500  
 8600  
 8700  
 8800  
 8900  
 9000  
 9100  
 9200  
 9300  
 9400  
 9500  
 9600  
 9700  
 9800  
 9900  
 10000

1000

1000

airport  
middle

strip  
N 45 E

The path between Tacueme I & Guaduales is unbelievably poor. The terrain is gently rolling and there are many dips due to deeply cut fields. The ground is clay and is continuously muddy and swampy in places due to the fact that it never dries out.

In the second part of the path the path is much narrower and made more poorly made. It would average 6 ft. in width.

Pto. Are - Tacueme I - 13.2

Tacueme I - Guaduales 27.1

Guaduales - (Abesac) 36.8

Abesac - Cam Grande 45.7

Guaduales is a clearing about 300 x 300 ft. with three very large thatch helters 13 x 10 ft. Dried felled lumber would have to be burned off before pasturage could be sown.

It is on a very small creek about 15 ft. in width & shallow. A good pt. for its egrets to roost.



$$\begin{array}{r}
 26.8 \\
 18.9 \\
 \hline
 18.9 \\
 5.9 \\
 \hline
 11.6 \\
 5.8 \\
 \hline
 29
 \end{array}$$

$$\begin{array}{r}
 115 \\
 23.0 \\
 \hline
 46.0 \\
 58.0 \\
 \hline
 11.6 \\
 58
 \end{array}$$

$$\begin{array}{r}
 36.8 \\
 27.1 \\
 \hline
 9.7
 \end{array}$$

$$\begin{array}{r}
 57.8 \\
 48.3 \\
 \hline
 9.5
 \end{array}$$

$$\begin{array}{r}
 61.7 \\
 48.7 \\
 \hline
 3.9
 \end{array}$$

$$\begin{array}{r}
 29 \overline{) 9.0} \\
 87 \\
 \hline
 30
 \end{array}$$

$$\begin{array}{r}
 23 \\
 46.8 \\
 \hline
 29
 \end{array}$$

$$\begin{array}{r}
 45.7 \\
 36.8 \\
 \hline
 8.9
 \end{array}$$

$$\begin{array}{r}
 29 \overline{) 23.0} \\
 232 \\
 \hline
 2.6
 \end{array}$$

$$\begin{array}{r}
 48.3 \\
 45.7 \\
 \hline
 2.6
 \end{array}$$

Southbound

Northbound

distance from last camp

Km from App.

from last way post.

13.2

61.7

13.9

5.7

9.7

8.9

(Barriol 48.3) 2.6  
 (Esperanza 57.8) 9.5  
 Pto Victoria 61.7 3.9 3.9

~~277~~  
30  
40. There are two streams  
over which the trail crosses  
which are known as Tacumena  
These are designated as Tacumena  
I + Tacumena II. They are 6.2 Km.  
apart (as crossed by the path) and unite  
slightly east to form the large main  
Rio Tacumena which empties into  
the Opepene.

Between Tacumena I and  
Guaduales the path crosses  
smaller creeks, streams + rills,  
mostly flowing eastwards, which  
also form the Tacumena.  
A number, if not most, of these  
must dry out in the dry season, thus  
accounting for the tremendous  
fluctuation in size of the Tacumena.  
In the height of the wet season, it is  
said to be a river like the Stella, in  
the dry season it is not navigable.

$$\begin{array}{r} 61.7 \\ 3.9 \\ \hline 57.8 \end{array}$$

$$\begin{array}{r} 61.7 \\ 13.2 \\ \hline 48.5 \end{array} \quad \begin{array}{r} 61.7 \\ 27.1 \\ \hline 34.6 \end{array} \quad \begin{array}{r} 61.7 \\ 36.8 \\ \hline 24.9 \end{array} \quad \begin{array}{r} 61.7 \\ 45.7 \\ \hline 16.0 \end{array}$$

$$\begin{array}{r} 27.1 \\ 13.2 \\ \hline 13.9 \end{array} \quad \begin{array}{r} 36.8 \\ 13.2 \\ \hline 23.6 \end{array} \quad \begin{array}{r} 45.7 \\ 13.2 \\ \hline 32.5 \end{array} \quad \begin{array}{r} 48.3 \\ 13.2 \\ \hline 35.1 \end{array}$$

$$\begin{array}{r} 61.7 \\ 48.3 \\ \hline 13.4 \end{array} \quad \begin{array}{r} 61.7 \\ 57.8 \\ \hline 3.9 \end{array} \quad \begin{array}{r} 57.8 \\ 13.2 \\ \hline 44.6 \end{array} \quad \begin{array}{r} 61.7 \\ 13.2 \\ \hline 48.5 \end{array}$$

$$\begin{array}{r} 57.8 \\ 13.2 \\ \hline 44.6 \end{array} \quad \begin{array}{r} 57.8 \\ 27.1 \\ \hline 30.7 \end{array} \quad \begin{array}{r} 57.8 \\ 36.8 \\ \hline 21.0 \end{array} \quad \begin{array}{r} 57.8 \\ 45.7 \\ \hline 12.1 \end{array} \quad \begin{array}{r} 57.8 \\ 48.3 \\ \hline 9.5 \end{array}$$

$$\begin{array}{r} 57.8 \\ \hline \end{array} \quad \begin{array}{r} 48.3 \\ 13.2 \\ \hline 35.1 \end{array} \quad \begin{array}{r} 48.3 \\ 27.1 \\ \hline 21.2 \end{array} \quad \begin{array}{r} 48.3 \\ 36.8 \\ \hline 11.5 \end{array} \quad \begin{array}{r} 48.3 \\ 45.7 \\ \hline 2.6 \end{array}$$

$$\begin{array}{r} 57.8 \\ 48.3 \\ \hline 9.5 \end{array} \quad \begin{array}{r} 61.7 \\ 48.3 \\ \hline 13.4 \end{array} \quad \begin{array}{r} 45.7 \\ 13.2 \\ \hline 32.5 \end{array} \quad \begin{array}{r} 45.7 \\ 27.1 \\ \hline 18.6 \end{array} \quad \begin{array}{r} 45.7 \\ 36.8 \\ \hline 8.9 \end{array} \quad 45.7$$

$$\begin{array}{r} 48.3 \\ 45.7 \\ \hline 2.6 \end{array} \quad \begin{array}{r} 57.8 \\ 45.7 \\ \hline 12.1 \end{array} \quad \begin{array}{r} 61.7 \\ 45.7 \\ \hline 16.0 \end{array} \quad \begin{array}{r} 36.8 \\ 13.2 \\ \hline 23.6 \end{array} \quad \begin{array}{r} 36.8 \\ 27.1 \\ \hline 9.7 \end{array} \quad \begin{array}{r} 36.8 \\ 8.9 \\ \hline 57.8 \end{array}$$

$$\begin{array}{r} 48.3 \\ 36.8 \\ \hline 11.5 \end{array} \quad \begin{array}{r} 57.8 \\ 36.8 \\ \hline 21.0 \end{array} \quad \begin{array}{r} 61.7 \\ 36.8 \\ \hline 24.9 \end{array} \quad \begin{array}{r} 27.1 \\ 13.2 \\ \hline 13.9 \end{array} \quad \begin{array}{r} 36.8 \\ 27.1 \\ \hline 9.7 \end{array} \quad \begin{array}{r} 45.7 \\ 27.1 \\ \hline 18.6 \end{array} \quad \begin{array}{r} 48.3 \\ 27.1 \\ \hline 21.2 \end{array} \quad 30.7$$

150  
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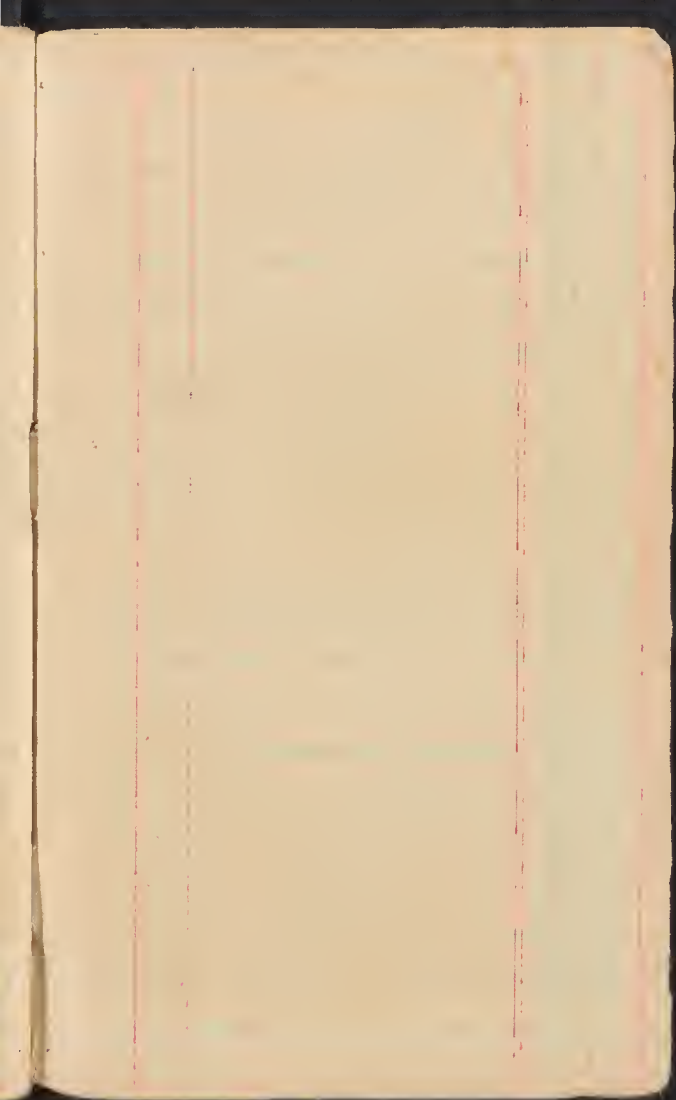
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Rubén López  
Juan Noya  
Paul Trujillo  
Antonio Peña  
Saturnino Cabrera

Carlos Ruiz  
Gil Plazas  
Theodoro Torres  
Luis Alberto Durán  
Daniel Ortiz  
Abram Ordóñez  
Gustavo Albarazán  
Jorge Pardo  
Atanacio Durango  
Luis Baez  
Eugenio Manrique  
Casimiro Cortez  
Francisco Martínez  
Severo Mendoza  
Maximino Mendoza

Francisco Vera



Sept 11 - Tue

Sept 12 - Wed

Sept 13 - Thu

Sept 14 - Fri

Sept 15 - Sat

Sept 16 - Sun

28.4 North  
8:00 — 1:30 by

Sept 15 Train in - 8:30 - 3:00

Sept 16 In coaches awaiting train

Sept 17 Train in - 8:30 - 3:00

Sept 18 Train in - 8:30 - 3:00

6:30 pm  
Train in, 5:00 pm

Sept 19 Apeiron

Sept 20 Apeiron

Sept 21 Apeiron

Sept 22 Apeiron

Sept 12 Apeiron  
Topographical work for Apeiron

Sept 13



~~3/16~~  
 17, 8,000.  
 28  
 12.0  
 100  
 120

11.7  
 2

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Princeton

Rail

Norfolk

Columbia

\* Japan

---

Swampy

Marine

Low Key

Albany

Daniel De

Carter

